

# WEST Search History for Application 10544255

Creation Date: 2009072017:07

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(oxyethylene or oxypropylene or oxyalkylene) with polymer	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol ) or ((oxyethylene or oxypropylene or oxyalkylene) with polymer )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane ) with (Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009

polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer )					
Polymer\$2 adj3 (bead or particulate or particle or sphere)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
polystyrene	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(Polymer\$2 adj3 (bead or particulate or particle or sphere) ) with (polystyrene )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane with Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer ) and (Polymer\$2 adj3 (bead or particulate or particle or sphere) with polystyrene )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		07-20-2009

with Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer ) and (Polymer\$2 adj3 (bead or particulate or particle or sphere) )	TDBD				
(Polymer\$2 adj3 (bead or particulate or particle or sphere) ) .ab.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane with Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer and Polymer\$2 adj3 (bead or particulate or particle or sphere) ) and (Polymer\$2 adj3 (bead or particulate or particle or sphere) .ab. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
ionic or cationic or anionic	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
exchang\$4 or adsorb\$5	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
		ADJ	YES		07-20-2009

(ionic or cationic or anionic ) near5 (exchang\$4 or adsorb\$5 )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD				
(ionic or cationic or anionic near5 exchang\$4 or adsorb\$5 ) .ab.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane with Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer and Polymer\$2 adj3 (bead or particulate or particle or sphere) ) and (ionic or cationic or anionic near5 exchang\$4 or adsorb\$5 .ab. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane with Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer and Polymer\$2 adj3 (bead or particulate or particle or sphere) ) and (ionic or cationic or anionic near5 exchang\$4 or adsorb\$5 )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		07-20-2009
525/479.ccls.	PGPB, USPT,	ADJ	YES		07-20-2009

	USOC				
523/209.ccls.	PGPB, USPT, USOC	ADJ	YES		07-20-2009
(525/479.ccls. ) or (523/209.ccls. )	PGPB, USPT, USOC	ADJ	YES		07-20-2009
(silicon\$1 adj (polymer or oil or elastomer or fluid or rubber) or polysiloxane or polyorganosiloxane or organopolysiloxane or polydiorganosiloxane or diorganopolysiloxane or poly! adj oxy! adj dimethylsilylene or polyoxydimethylsilylene or PDMS or polydimethylsiloxane or poly! Adj dimethylsiloxane with Polyether or polyoxyalkylene or polyoxyethylene or poly adj oxyethylene or polyoxypropylene or poly adj oxypropylene or (polyethylene or polypropylene or polybutylene) adj (oxide or ether) or poly adj (ethylene or propylene or butylene) adj (oxide or ether) or (polyethylene or polypropylene) adj glycol or (oxyethylene or oxypropylene or oxyalkylene) with polymer ) and (525/479.ccls. or 523/209.ccls. )	PGPB, USPT, USOC	ADJ	YES		07-20-2009